

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-158030

(43)Date of publication of application : 18.06.1996

(51)Int.Cl.

C23C 4/04  
C25D 7/06

(21)Application number : 06-330358

(71)Applicant : DAI ICHI HIGH FREQUENCY CO LTD  
KAWASAKI STEEL CORP

(22)Date of filing : 07.12.1994

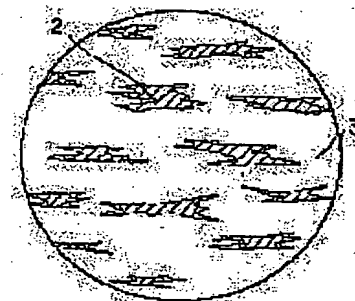
(72)Inventor : TAKASAKI NOBUKIMI  
MIDORIKAWA SATORU

## (54) CONDUCTOR ROLL FOR ELECTROPLATING LINE AND ITS PRODUCTION

## (57)Abstract:

PURPOSE: To provide a roll having a thermally sprayed film provided with a performance equal to that of the conventional remelting treated article in the state as it is thermally sprayed without remelting and its producing method in a conductor roll for electroplating line, which is formed by thermally spraying an Ni-Cr based self-flexing alloy containing metallic carbide particles or the like.

CONSTITUTION: In the conductor roll for electroplating line, a mixed powder composed of WC and the Ni-Cr alloy is thermally sprayed directly on the surface of a roll barrel part or on an under coat thermally sprayed film composed of an alloy containing no metallic carbide provided on the surface of the roll barrel part to form a structure that the flatly dispersed WC particles 2 are enchased in a joint made of solidified particles 3.



## LEGAL STATUS

[Date of request for examination]

10.05.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3130220

[Date of registration]

17.11.2000

[Number of appeal against examiner's decision of

rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office